

CORRES CONTROL

OUTGOING LTR NO.

DOE ORDER # 4700.1

02-RF-01360

DIST	LTR	ENC
BRAILS FORD M.D		
FERRERA, D W		
FERRI, M.S.		
MARTINEZ, L. A.		
PARKER, A.		
POWERS K.		
SCOTT G.K.		
SHELTON D C	X	X
SPEARS, M.S.		
TRICE, K.D		
TUOR, N R.		

AGUILAR, P		
ALBIN C		
AUBLE, M.		
BEAN C		
BILLMIRE, T W		
BUTLER, J L		
CERCLA AR (T1300)	X	X
CLARK, D		
DIETERLE, S.		
DORR, K.		
FREIBOTH, C		
GIBBS, F	X	X
GUTHRIE, V		
HUMISTON T		
KEHLER, K.		
KNAPP S.		
KONWINSKI, G		
MARSCHALL, J R.		
MARTIN D		

June 13, 2002

02-RF-01360

Steve Tower
D&D Program Lead
DOE, RFFO

TRANSMITTAL OF CLOSE-OUT REPORTS - FEG-012-02

Attached are the Closeout Reports for the following facilities B515/516, B575, and S125
Please note that copies of all of these reports have been submitted to the CERCLA AR by the
Kaiser-Hill RISS project

Please contact Steve Nesta x6386 with questions or concerns

Frank E Gibbs
Frank E Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

Attachment
As Stated

SMN pvt

Org and 1 cc - Steve Tower

cc
Joe Legare

ACTION ITEM STATUS
☐ PARTIAL/OPEN
☐ CLOSED
LTR APPROVALS

ORIG & TYPIST INITIALS
KLM pvt

RF-46469 (Rev 9/94)

Kaiser Hill Company L L C

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

1A-A-001002

ADMIN RECORD

Type 1 Facility Closeout Report

Section A. Facility Data

Facility No. B515/516 and B575
Facility Descriptor: Transformers and Switchgear Power Station Building
Project: RISS
Date of Demolition: Declaration of Excess/PRE dated June 19, 2000
Additional Information: Sold at auction October 12, 2000
(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)

Section B Final Characterization Data

Reconnaissance Level Characterization Report

(concurrence received)

In-process Characterization

Pre-Demolition Survey Report (approval received)

Post-Demolition Survey Report (as necessary)

Section C. Waste Data (complete categories as appropriate)

Sanitary Disposal

Disposal Site:

Waste Volume (m³)

Waste Weight (tons)

Additional Information:

Hazardous Disposal

Disposal Site:

Waste Volume (m³)

Additional Information:

TSCA Waste Disposal

Disposal Site:

Waste Volume (m³)

Additional Information:

Asbestos Waste Disposal

Disposal Site:

Waste Volume (m³)

Additional Information:

Low-Level Waste Disposal

Disposal Site:

Waste Volume (m³)

Additional Information:

Low-Level Mixed Waste Disposal

Disposal Site:

Waste Volume (m³)

Additional Information:

Recycled Material

Recycle Facility:

Waste Volume (m³)

Additional Information:

Property Disposition

Receiver Locations (major items only)

Volume (m³)

Weight (tons)

Additional Information:

Section D. Approvals

Kaiser Hill Project Manager

S. H. NESTA

Name/Signature

6/12/2002

Date



ROCKYFLATS
Closure
Site Services,
LLC.

A Jacobs Engineering Group Company

October 23, 2000

John D Thompson
Integrating Manager
Property Management
Kaiser Hill Company, L L C
Building 116

REQUEST FOR APPROVAL TO SHIP SURPLUS PROPERTY - CJF-005-01

Sale Reference Number CSS-2000-011

In accordance with Department of Energy Property Management Regulation (DOE-PMR) Subpart 109-45 RFCSS Property Management is requesting approval to ship the below listed surplus property Sold via Sealed Bid in sale CSS-2000-011

SALE INFORMATION


This B515/516 Substation and Building 575 with its contents were sold via Sealed Bid on October 12 2000 based on approval for "Release into Commerce as a Type 1 Facility Declaration of Excess (DE) Documents 022333 and 024815 substantiate the final release of these items

There are no High-Risk property concerns associated with this sale If you have any questions please contact the undersigned or E C (Rick) Dahlin at x6509


Charles J Ferg
Manager
RFCSS Property Management

ECD CJF caf

APPROVED


John D Thompson
Integrating Manager
Property Management
Kaiser Hill Company L L C

Declaration of Excess

Property Classification Name (Class Code)		Estimate Number		Collection Building		Estimate's Location	
DM LANDRY		10000000000000000000		124		0575	
Property Classification Number		Collection Building Code		Request Date			
00000000000000000000		2010		7/1/00			

Line Item	Property Classification Number	Serial Number	Description/Remarks/Item Number	Unit	Unit Price	Total Price
01	0008580300		TRANSFORMER 515 SUBSTATION	1	EA	4
02	0008580400		TRANSFORMER 516 SUBSTATION	1	EA	4
03						
04						
05						
06						
07						
08						
09						
10						

Estimated Property Value (Amount) The above estimated value is based on the information provided by the contractor and is not a guarantee of the actual value.	Estimated Property Value (Amount) The above estimated value is based on the information provided by the contractor and is not a guarantee of the actual value.	Estimated Property Value (Amount) The above estimated value is based on the information provided by the contractor and is not a guarantee of the actual value.	Estimated Property Value (Amount) The above estimated value is based on the information provided by the contractor and is not a guarantee of the actual value.
00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000
00000000000000000000	00000000000000000000	00000000000000000000	00000000000000000000

87

Declaration of Excess

024815

Property Custodian Name (Please Print) J. KILTHAU		Employee Number [REDACTED]	Custodian Building B662	Property's Location B575
Property Custodian Signature <i>[Signature]</i>		Examination Cause 4262/6759	Custodian Room/Cube	Request Date 6/19/2000

Line Item	Property Central Number	Serial Number	Description/Manufacturer/Model Number	Qty	Unit of Issue	Cond Code
01	0013016300		BUILDING SWITCHGEAR	1	LOT	4
02			POWER STATION, B575			
03			AND APPURTENANCES			
04						
05						
06						
07						
08						
09						
10						

Unrestricted Property Release Approval The above described items have been evaluated and are being released in accordance with RSP 9.01 and is approved for Unrestricted Release. Property Release Log No. 001113-00459-001 PWNR No. 001113-00459-001 Date 11/13/00 Signature <i>[Signature]</i> Real Qualified Ring Signature		Exact Controlled Property Review RCP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Notes 6/19/00 Signature <i>[Signature]</i> Date 6/19/00		ADP Available Only These computer systems have met all security requirements as outlined in the appropriate ACCESS and "Computer User Handbook" (formatted and Unformatted) CSBO Print Name N/A CSBO Signature <i>[Signature]</i> Date 6/19/00		Environmental Review Hazardous Material <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Notes PER TENSION WITH TDM SCOTT - 528 Signature <i>[Signature]</i> Date CHIA RETROIZATION PKA		Final Disposition 1 Transfer 2 Gift 3 Grant 4 Sale 5 Low Level Waste 6 Donation 7 Scrap 8 Recycle 9 Destroyed 10 Landfill	
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PROPERTY 1-7-2000

Property

Waste

Sample

RELEASE EVALUATION FORM

Page 1 of 3

ORIGINAL

Release Evaluation No 001020-00439-001

Extended: NO

Expires: NA

Charge No.: NCX97000

PART I

SENDER/CUSTODIAN ACKNOWLEDGEMENT

Description of Property/Waste/Sample to Be Released/Transferred. Two transformers (listed as Buildings 515 and 516), PCN 00085803-00 and 00085804-00

Current Location Building 575 Substation.

Destination: H&H Transformer, Inc., 8075 Pontiac St., Commerce City, Co., 80037

New Recipient/Custodian. Mr. Warren Hedapp, (303) 285-2802

History/Process Knowledge The transformers were purchased in the mid to late 1960s and installed in their current location at the Building 575 substation.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? Unknown

- 1) By signing below, I certify the information provided in Part I of this release evaluation to be true and accurate.
- 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian

Donald Landry
Donald Landry, Page 213-9831

Emp No.

Date: 10-24-00 Ext: 4692

PART II

RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS

Radiological surveys are required in accordance with ESE 09.01, Characterization of Property, Material, Equipment And Waste for all items that the history is unknown concerning prior use. The transformers were purchased and installed in the 1960s on the north and south ends of the present Building 575. The switchgear located inside Bldg. 575 was installed with the transformers. The Building was added in subsequent years. Verbal conversation with Plant Power indicates the transformers were drained and retrofilled in 1986 because of PCBs. Additionally, the south transformer was apparently removed and sent offline for re-build in the late 1980s. The RFETS Reconnaissance-Level Characterization Report, Building 575, Dated June 26, 2000, was reviewed. The report deals with the Building 575 structure and enclosed switchgear only and classified the facility as Type I releasable to commerce (i.e., for sale and re-use). The transformers, 515 and 516 were not included in the radiological characterization. The survey requirements detailed on Page 3 are considered appropriate based on location, use (non-production support facility) and history. Other information reviewed and used in all or part in support of the survey requirements is: Radiological characterization data for the Bldg. 575 structure and internal switchgear. The substation, Building 575 and transformers, are not located on an Individual Hazard Substance Site (IHSS) or Potential Area of Concern (PAC); The substation, Building 575, is listed in 1-P73-HSP-18.10 as a unrestricted release facility and is listed as a sub-200MA (continued on page 3)

Evaluated:

Michael Clark
Radiological Engineer

Emp. No.

Date

10/23/00

Ext:

4220

APPROVAL FOR TRANSFER/SHIPMENT

The property specified above is being provided with an unrestricted release from radiological controls and may be transferred to the destination indicated in Part I of this Release Evaluation.

Approved

Michael Clark
Radiological Engineer

Emp No.

Date

10/23/00

Ext:

4220

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation # 001020-00439-001 Page 2 of 3

Date 10/26/00 Initial RAH

Release Evaluation for Waste

ORIGINAL

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provided with an unrestricted release.

'The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release.'

Additional Documentation

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page ___ of ___, initials of Radiological Engineer signing approval for transfer/shipment and date.

PROPERTY/WASTE RELEASE EVALUATION SURVEY REQUIREMENTS

Release Evaluation #: 001020-00439-001 Page 3 of 3 Date 10/26/00 Initial RAH

Continued from Page I, Part II The Building 575 Reconnaissance Level Characterization Report, June 26, 2000 shows that all radioactivity levels were less than Unrestricted Release Limits, RCM Table 2-2 or were determined to be a result of natural activity, not DOE radioactive material. The surveys completed included the switchgear which was installed with the transformers. The survey requirements below are sufficient for release of the transformers when all other survey data is considered. The entire data package, Building 575 RLCR and the surveys completed in accordance with this PRE sufficiently document that no radiological contamination as a result of DOE radioactive materials is present, on equipment or structures associated with this substation

ORIGINAL

All surveys will be completed for both alpha and beta, total(fixed) and removable.

Survey Requirements:

Twenty (20) survey points, Pats and Swipes will be completed on each transformer as detailed in the attached drawing. At least three of the Pat surveys will be completed on the transformer rib surface behind the cooling fins.

A scan survey will be completed as follows:

Top, 25% of the accessible surface

Fan motors, 100% scan of accessible surfaces.

Sides, Scan of approximately $\frac{1}{2}$ square meter of surface at the location of each Pat survey.

PROPERTY/WASTE RELEASE EVALUATION DATA EVALUATION

Release Evaluation # 001020-00439-001 Attachment I Date 12/27/00 Signature 

The survey results of the transformers completed on 10/24/00 show elevated alpha activity in several areas on very rusted, oxidized surfaces. All elevated levels were less than 300 dpm/100cm² and were small areas less than 100 cm². The activity is considered a result of natural activity, Po-210 that was also discovered on the roof area of Building 575. This was confirmed by analysis using the Oasis Alpha Spec Instrument, Reference, Reconnaissance Level Characterization Report, Building 575, June 26, 2000. Table 2-2, RCM in addition allows for averaging results if the maximum level is less than 300 dpm/100cm² and a large surface area is involved. The transformer surface area is many square metres. All elevated levels were much less than 300 dpm/100cm². The average dpm/100 cm² for the surfaces involved is less than 100 dpm/100cm². Based on the averaging rule and the results for the Building 575 the transformers were provided unrestricted release.

Type 1 Facility Closeout Report

Section A Facility Data	
Facility No	S125
Facility Descriptor	Equipment Shed
Project	RISS
Date of Demolition	Declaration of Excess/PRE dated May 8, 2001
Additional Information	Sold at auction July 12, 2001
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

Section B Final Characterization Data	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	
In-process Characterization	
Pre-Demolition Survey Report <i>(approval received)</i>	
Post-Demolition Survey Report <i>(as necessary)</i>	

Section C. Waste Data <i>(complete categories as appropriate)</i>	
<u>Sanitary Disposal</u>	
Disposal Site:	
Waste Volume (m ³):	
Waste Weight (tons):	
Additional Information	
<u>Hazardous Disposal</u>	
Disposal Site	
Waste Volume (m ³)	
Additional Information	
<u>TSCA Waste Disposal</u>	
Disposal Site:	
Waste Volume (m ³):	
Additional Information	
<u>Asbestos Waste Disposal</u>	
Disposal Site:	
Waste Volume (m ³)	
Additional Information	
<u>Low-Level Waste Disposal</u>	
Disposal Site:	
Waste Volume (m ³):	
Additional Information:	
<u>Low-Level Mixed Waste Disposal</u>	
Disposal Site:	
Waste Volume (m ³):	
Additional Information:	
<u>Recycled Material</u>	
Recycle Facility:	
Waste Volume (m ³)	
Additional Information	
<u>Property Disposition</u>	
Receiver Locations <i>(major items only)</i>	
Volume (m ³)	
Weight (tons)	
Additional Information	

Section D Approvals	
Kaiser-Hill Project Manager <u>S. M. NESTA</u>	<u>6/12/2002</u>
Name/Signature	Date

Declaration of Excess

023257

Property Custodian Name (Please Print) TR ECHENAD	Employee Number 2575/3752	Custodian Building 125	Property's Location S & B 125
Property Custodian Signature <i>[Signature]</i>	Extension Number 2575/3752	Custodian Room/Cube 101C	Request Date 9 May 01

Line Item	Property Control Number	Serial Number	Description/Manufacturer/Model Number	Qty	Unit of Issue	Cond Code	Req. Status	Issue Date	Rec'd By	Rec'd Date
01		80-12-6073	STORAGE SHED (MOD NO 801022A112B)	1	EA	4		10/25	7/19/01	7/19/01
02										
03										
04										
05										
06										
07										
08										
09										
10										

Unrestricted Property Release Approval The above described item(s) has been evaluated and/or thoroughly surveyed in accordance with RSP 8.01 and is approved for Unrestricted Release. Property Release Log No. 010508 0435-001 PWRR No. 010508 0435-001 Employee No. [Redacted] Rec. Qualified Eng. Signature <i>[Signature]</i> Date 6/26/01	Exact Controlled Property Review RCP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <i>[Signature]</i> Date 7/19/01 Expert Control Officer	ADP Available Only These computer systems have met all security requirements as outlined in the appropriate ACSSOs and "Computer User Handbook" (Classified and Unclassified) CSSO Print Name NA Employee No. NA CSSO Signature <i>[Signature]</i> Date 7/19/01	Environmental Review Hazardous Material <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Name <i>[Signature]</i> Date 7/19/01 Signature	Final Disposition 1 Transfer 2 Off 3 Grant 4 Sale 5 Low Level Waste 6 Donation 7 Salvage 8 Recycle 9 Destroyed 10 Landfill
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ORIGINAL

RECEIVED JUL 27 2001

July 12, 2001 15:02

VAIL INTERNATIONAL, INC.

PO BOX 2925

ROSCO, MA 01938-2925

(509) 547-3830 / (303) 476-2378

Lot Sales Report for RSCSS AUCTION 7-12-2001

Page 7

Lot Num	Description	Buyer	Extension	Grp Inv. & Seller
283	INSPECTION MICROSCOPE, ZEISS	189	350.00	100044 RF
284	SLIDE PROJECTOR & TRAYS	151	22.50	100043 RF
285	STEP GAGE	130	210.00	100052 RF
286	MASTER BALLS SET	145	50.00	100070 RF
287	GAGE BLOCK SET	130	170.00	100053 RF
288	ZEISS ATTACHMENT, 2627	155	475.00	100056 RF
289	ZEISS CONTRAX-CAMERA BODY W/MISC ACCESSORIES	155	225.00	100056 RF
290	PRECISION LEVEL	145	200.00	100070 RF
291	SURFACE TEMPERATURE PYROMETER	145	95.00	100070 RF
292	MEASURING INSTRUMENT	145	170.00	100070 RF
293	GRANITE FLAT	144	40.00	100054 RF
294	GRANITE FLAT	144	40.00	100054 RF
295	GAGE BLOCK SET	130	325.00	100053 RF
296	GAGE BLOCK SET	145	175.00	100070 RF
297	TRIPOD	217	70.00	100049 RF
298	40" MICROMETER, CARL NEUB.	152	100.00	100055 RF
299	STEP GAGE	152	200.00	100045 RF
300	TOOL KIT	121	27.50	100046 RF
301	GAGE BLOCK SET	152	200.00	100055 RF
302	GAGE BLOCK SET	145	300.00	100070 RF
303	MISC THERMOMETERS	160	10.00	100052 RF
304	GAGE BLOCK SET	113	300.00	100041 RF
305	LASERLINE, AUTOMATIC OPTICAL MICROMETER	145	45.00	100070 RF
306	ENGIS OPTICAL TOOLING ALIGNMENT TELESCOPE	145	125.00	100070 RF
307	GAGE BLOCK SET	145	230.00	100070 RF
308	FIXTURE, D-1070	145	10.00	100070 RF
309	MICROSCOPE, AMERICAN OPTICAL	145	375.00	100070 RF
310	CONTOUR PROJECTOR, KODAK MODEL 24 W/SURFACE ILLUMINATOR	145	250.00	100070 RF
311	MISC TEST WEIGHT STANDARDS	134	300.00	100056 RF
312	MISC TEST WEIGHT STANDARDS	134	175.00	100056 RF
313	MISC TEST WEIGHT STANDARDS	134	350.00	100056 RF
314	SCALE, VOLAND JUPITER 5000	145	350.00	100070 RF
315	MISC HARDWARE, FITTINGS	134	200.00	100056 RF
400	MISC ALUMINUM	139	100.00	100053 RF
401	MISC ALUMINUM	139	100.00	100053 RF
402	BRASS ROUND BAR	139	100.00	100053 RF
403	BRASS ROUND BAR	139	100.00	100053 RF
404	SALAD BAR	145	30.00	100070 RF
405	CAMPER SHELL W/DOORS	219	110.00	100054 RF
406	MISC ROUND METAL STOCK	139	160.00	100053 RF
407	MISC PLATE	145	210.00	100070 RF
408	COMPRESSOR & AIR HANDLING UNITS	120	500.00	100052 RF
409	TRANSFORMERS	134	4.00	100056 RF
500	8' X 10' STORAGE SHED	138	750.00	100053 RF
600	TRAILER, 20' FT, 32,000 LB GVWR, SINGLE AXLE, TIMPTE 1975, MODEL T10	129	650.00	100050 RF

12

Property

Waste

Sample

RELEASE EVALUATION FORM

Page 1 of 3

ORIGINAL

Release Evaluation No 010503-00439-001

Extended NO

Expires NA

Charge No NCX97000

PART I

SENDER/CUSTODIAN ACKNOWLEDGEMENT

Description of Property/Waste/Sample to Be Released/Transferred Various pieces of Standards Laboratory equipment, including dimensional measurement standards electronic instruments laboratory balances tool boxes gages(temperature, pressure, etc), computers and accessories, floor scales desks, chairs, file cabinets, etc Declarations Of Excess attached listing all items by description and/or PCN

Current Location Building 125

Destination Building 061

New Recipient/Custodian Stephanie Iversen CSS PU&D

History/Process Knowledge Most of the items have been in Building 125 since arrival on-site Some items have been in used or came from various production Buildings, 881 444 777 991 etc These items include pressure gages, micrometers, dimensional gage block measurement sets plug gages electronic instruments, etc Additionally because some of the portable gages and standards may have been transported to other Buildings for measurement purposes it is unknown if these were ever in a RBA/CA or contact with radioactive materials

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? Unknown for all items

- 1) By signing below, I certify the information provided in Part I of this release evaluation to be true and accurate
- 2) By signing below I agree to comply with the specific requirements noted in Part II of this release evaluation

Sender/Custodian Jennifer Martin Emp No Date 5-7-01 Ext 4177
Jennifer Martin Page 212-3590

PART II

RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS

Radiological surveys are required in accordance with RSP 09 01 Unrestricted Release Of Property Material Equipment And Waste for all items that the history is unknown concerning prior use This Release Evaluation is intended to cover all items being excessed as Property from Building 125 as part of the Building closure The items were physically inspected and survey requirements established Building 125 was constructed in 1964 to 1965 for consolidation of Standard Laboratory operations which were in Building 444 881 991 and 777 Radioactive materials as sealed sources and in low level Standards solutions have been used in the Building Past property excess activities have discovered contaminated items such as laboratory scales tools gage block standards, etc Some of the equipment/standards listed for excess were purchased prior to 1965 and may have originally been used in one of the production facilities This equipment has the old property tags indicating it may have been in one of the above Buildings The historical data, from PMS for all items with PCN s will be reviewed concerning purchase date and original Building Additionally many of the Gage Block Standard sets are labeled with Building 444 881 460 etc numbers The survey requirements are detailed on Page 3 of this release evaluation This evaluation is intended to cover all property items in Building 125 which are being transferred to PU&D and those items designated to be purchased by the Laboratory Operations subcontractor for transfer Off-Site

Evaluated [Signature] Emp No Date 5/8/01 Ext 4220
Radiological Engineer

APPROVAL FOR TRANSFER/SHIPMENT

The property specified above is being provided with an unrestricted release from radiological controls and may be transferred to the destination indicated in Part I of this Release Evaluation

Approved [Signature] Emp No Date 6/29/01 Ext 4220
Radiological Engineer

13

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation #: 010503-00439-002 Page 2 of 3

Date 5/6/01 Initial ML

ORIGINAL

Release Evaluation for Waste:

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signature requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provided with an unrestricted release.

"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

Additional Documentation:

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page ___ of ___, initials of Radiological Engineer signing approval for transfer/shipment and date.

PROPERTY/WASTE RELEASE EVALUATION SURVEY REQUIREMENTS

Release Evaluation # 010503-00439-002 Page 3 of 3

Date 5/8/01 Initial RAH

ORIGINAL

All radiological surveys will be conducted for both alpha and beta removable and total(fixed) activity
All items surveyed will be identified by label or other means as "Surveyed" date surveyed and initialed
The unrestricted release limits are those published in 10CFR835, Appendix D for transuranics

Item description, DE number and/or PCN will identify all items surveyed on the survey result sheet
Repainted items without history and process knowledge will not be released unless approved by RE on a case basis.

The survey requirements were based on the PMS historical information, Building operating history and the fact Building 125 is considered a Non-RMMA. Historically, Building 125 handled at times low level laboratory solutions and sealed sources of various isotopes. There is no documented radioactive contamination incidents/occurrences for the Building. The Building standards Lab activities because of the nature of the operations did routinely receive gaging and measurement equipment from all facilities for standardization and calibration. Radiological surveys of these items, in early years, were performed to less rigid standards and with instrumentation, which did not meet today's requirements. Some pieces of equipment and gaging standards were identified as being purchased prior to 1965 and/or the PMS data indicates an original Building other than 125.

The following items do not require survey. These items will be identified by RE (i.e. computers and accessories, office furniture, administrative items, file cabinets, etc). The no survey release requirement will be based on whether or not the item was ever installed or used in another Building, if portable and use would not involve a production facility and the results of all surveys completed on other equipment/items.

The following equipment/items will require survey. These will be identified by RE. General survey requirement for these items is: Scan survey of approximately 50% of accessible surfaces and at least two Pats and Swipes on each item.

Select Gage Block Sets and wood boxes containing the gage blocks and all hand held measuring devices (i.e., micrometers, calipers, etc). 100% scan survey. Gage Block Sets and wood boxes, four Pats and Swipes (Two on the gage blocks, one inside the wood box and one outside on bottom).

All other items listed for excess. Survey requirements will be determined by RE based on historical information and current use.

15/15



